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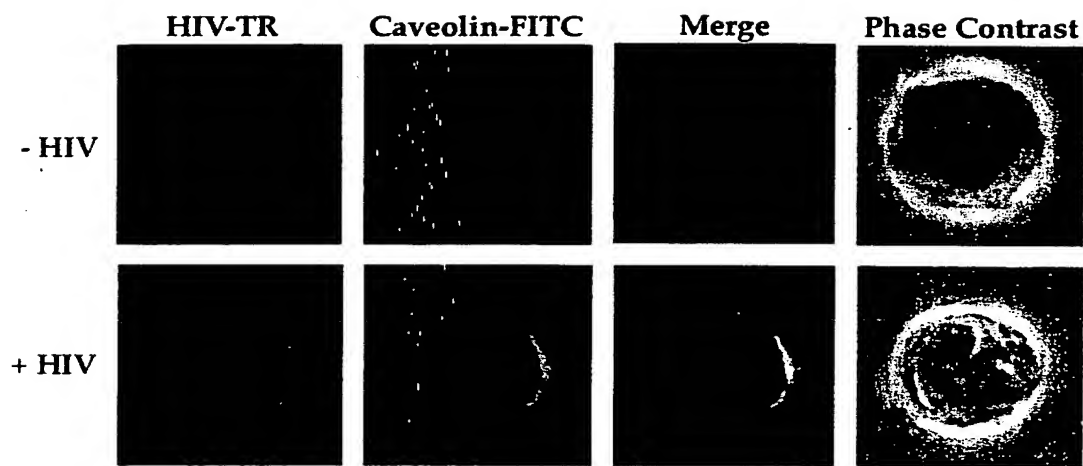
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**FIGURE 1**

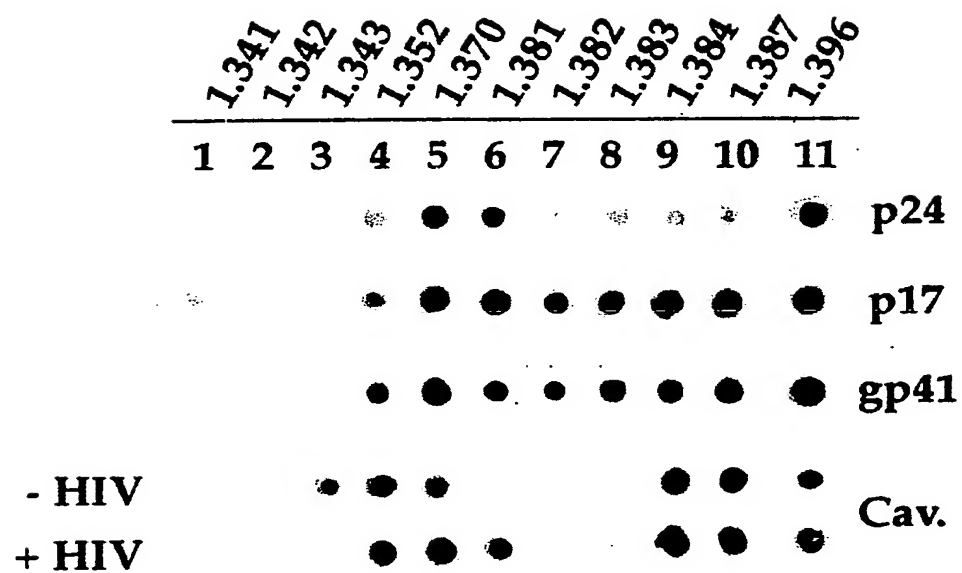


FIGURE 2

Important Functional Regions in the Transmembrane
Envelope glycoprotein of HIV-1, gp41

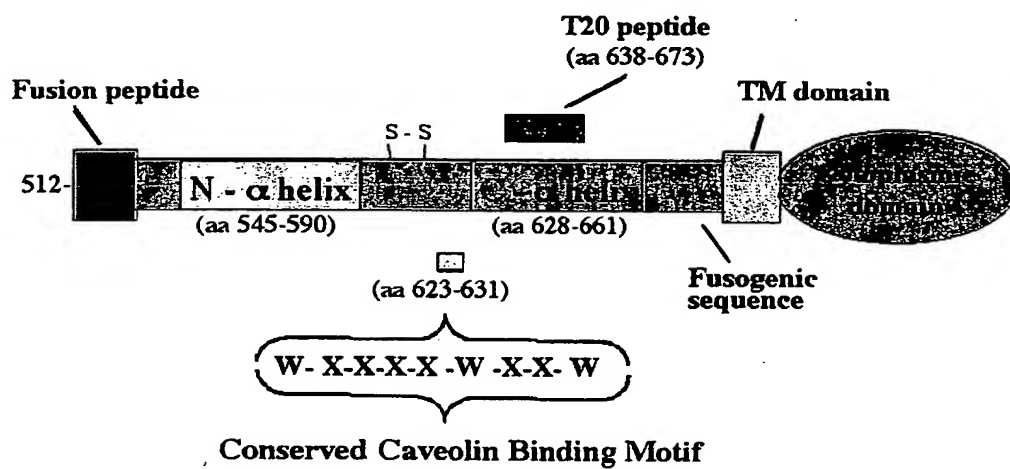
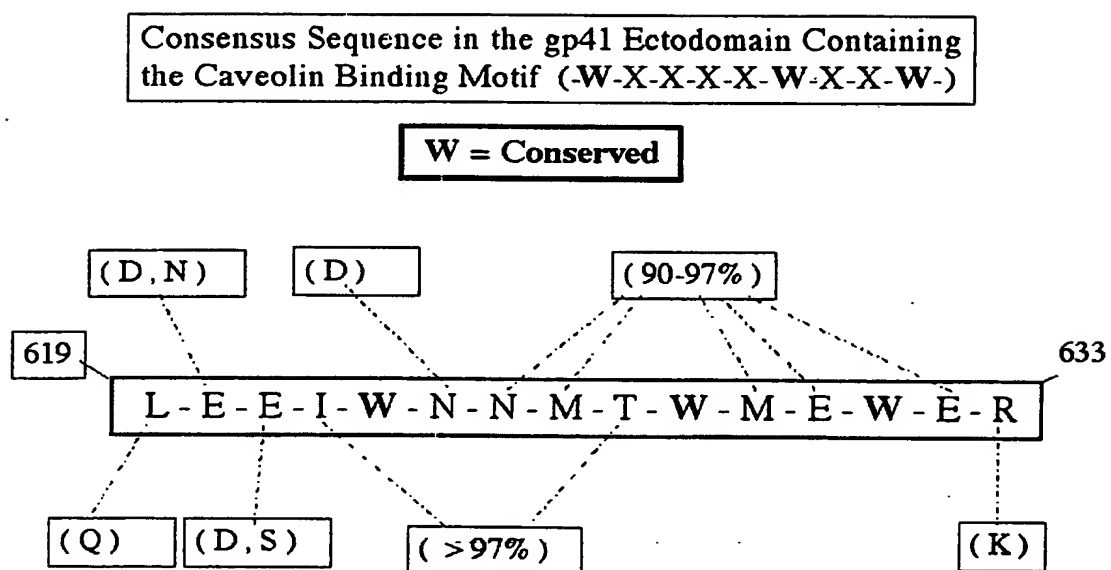


FIGURE 3

**FIGURE 4**

Consensus sequence in the HIV TM glycoprotein ectodomain containing the
Caveolin Binding Motif (-W-X-X-X-X-W-X-X-W-)

619

633

HIV-1 Consensus

L - E - E - I - W - N - N - M - T - W - M - E - W - E - R

HIV-1 LAI

L - E - Q - I - W - N - N - M - T - W - M - E - W - D - R

HIV-1 Ba-L

L - N - K - I - W - D - N - M - T - W - I - E - W - D - R

HIV-1 ELI

L - N - E - I - W - Q - N - M - T - W - M - E - W - E - R

HIV-1 92UG037

Q - D - E - I - W - N - N - M - T - W - L - Q - W - D - K

HIV-1 92BR025

Q - E - D - I - W - N - N - M - T - W - M - Q - W - D - R

HIV-2 ROD

L - A - P - D - W - D - N - M - T - W - Q - E - W - E - K

HIV-2 EHO

L - K - P - D - W - N - N - M - T - W - Q - Q - W - E - R

SIVagm

L - T - P - D - W - N - N - D - T - W - Q - E - W - E - R

SIVsm

L - T - P - D - W - D - N - M - T - W - Q - E - W - E - R

CBD1

L - E - Q - I - W - N - N - M - T - W - M - Q - W - D - K

FIGURE 5

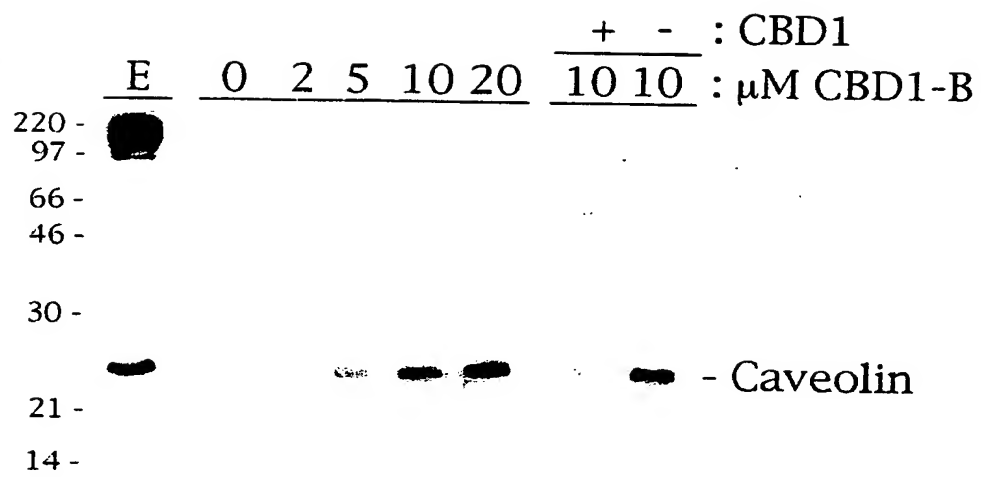


FIGURE 6

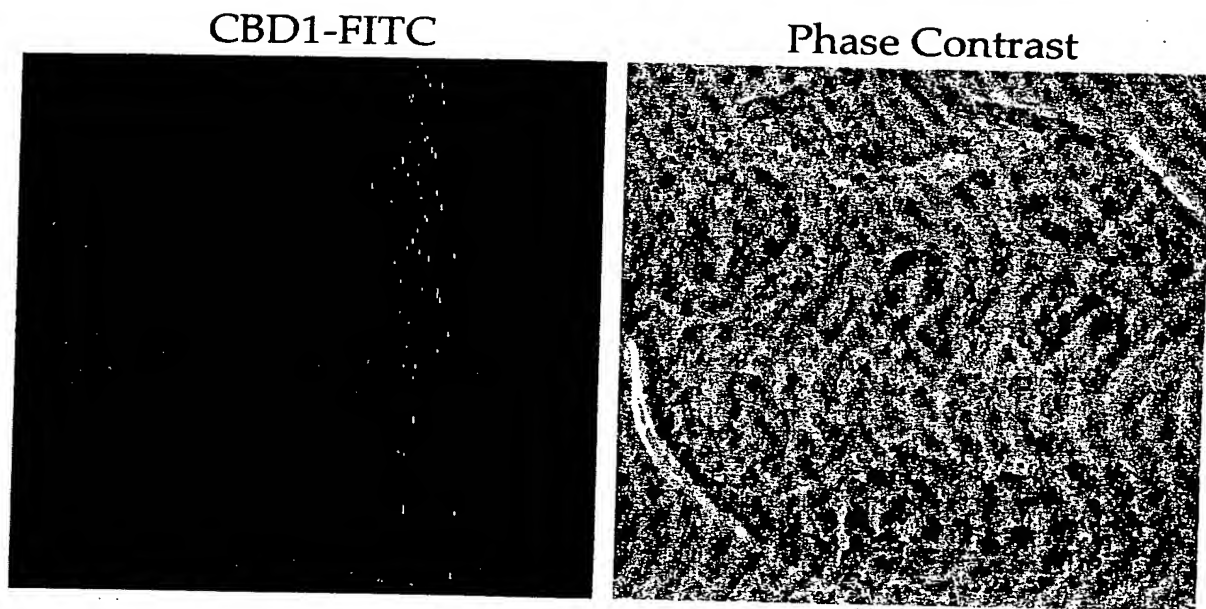


FIGURE 7

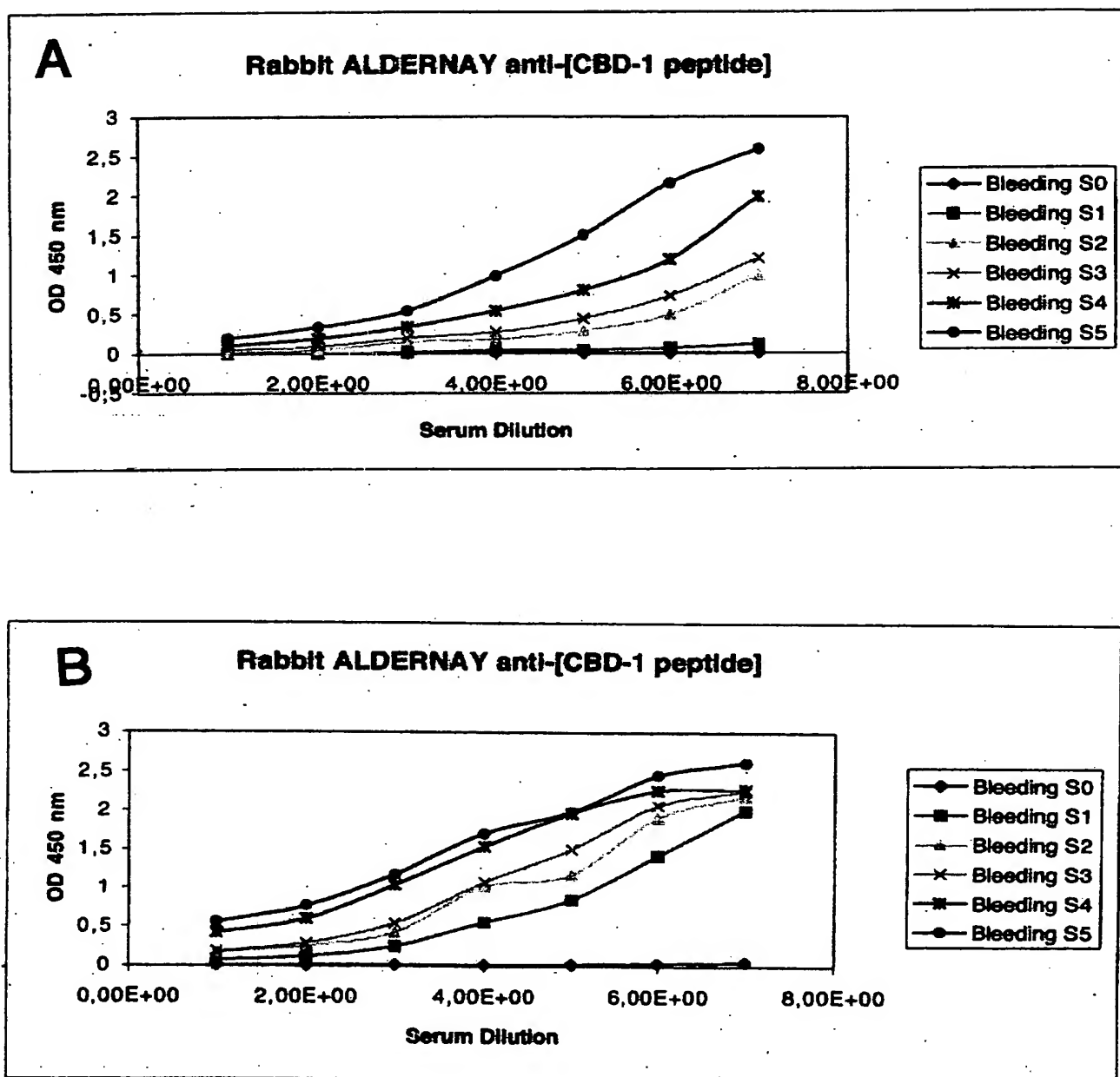
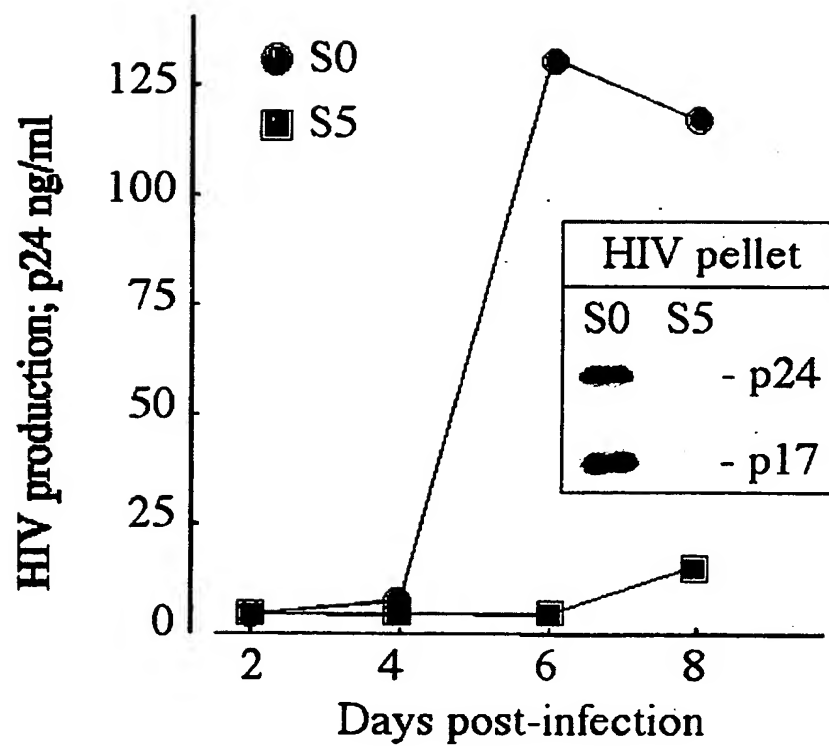
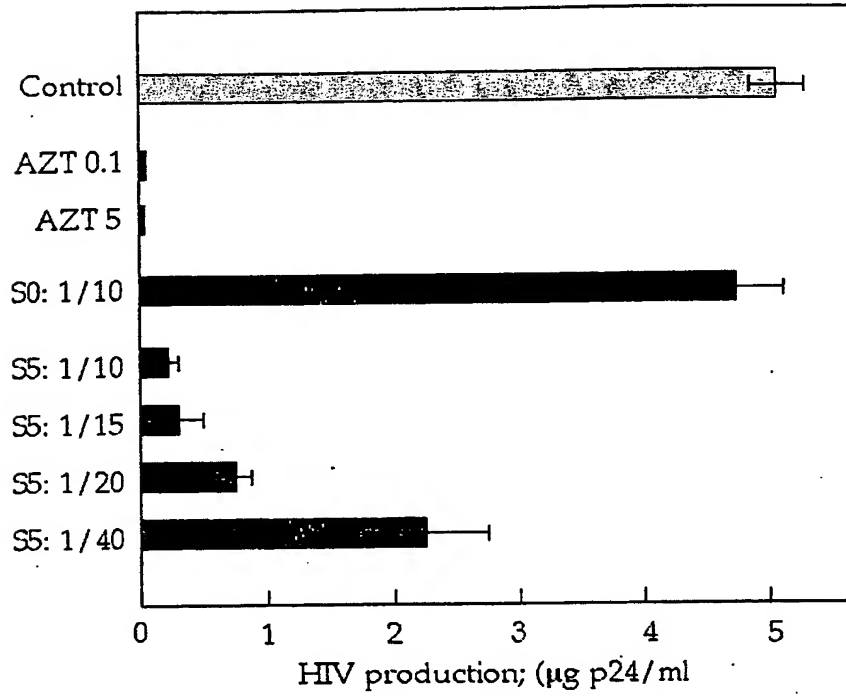


FIGURE 8

**FIGURE 9**

A. Production of HIV



B. Cell Viability

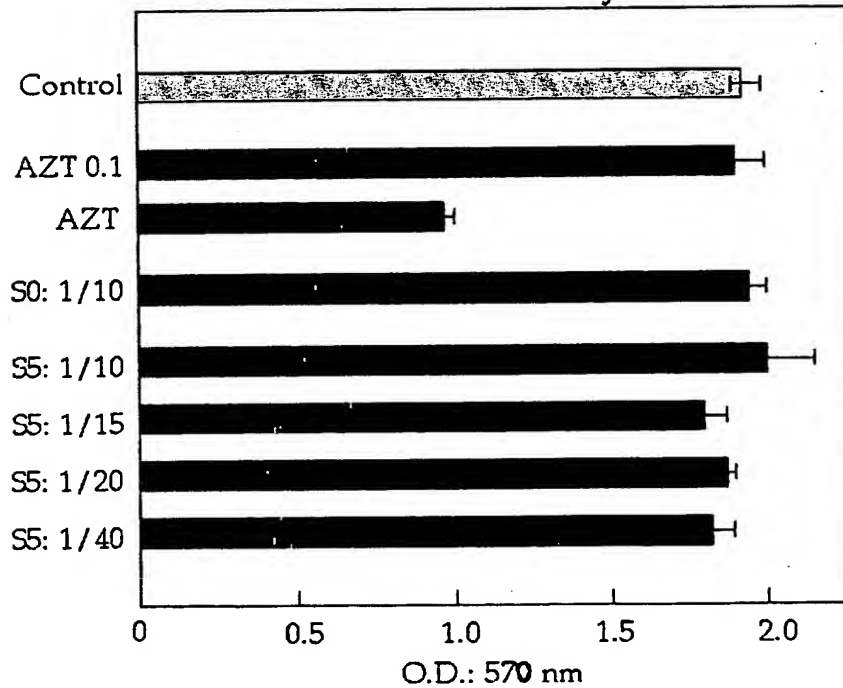


FIGURE 10

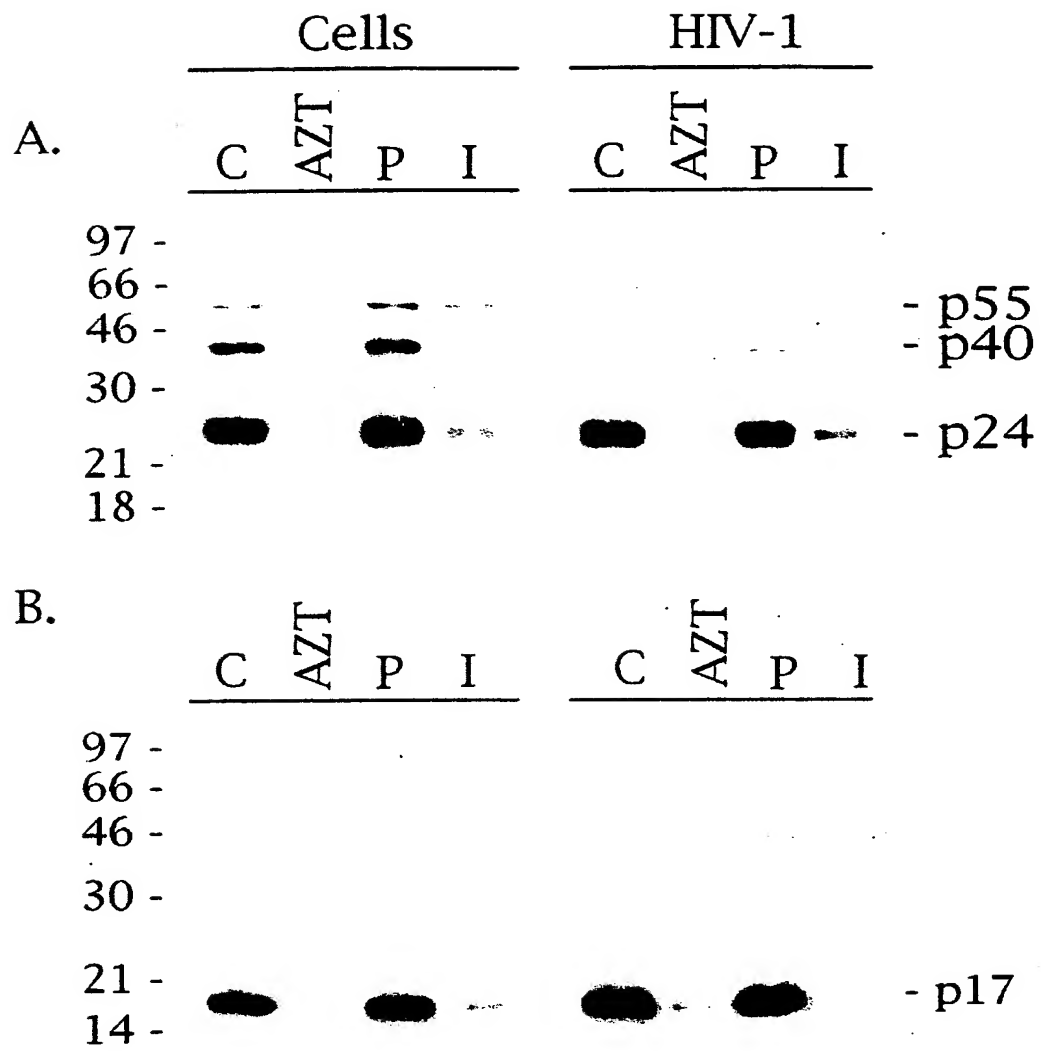


FIGURE 11

Effect of anti-CBD1 on HIV infection
Serum added at 90' & 3 days p.i.

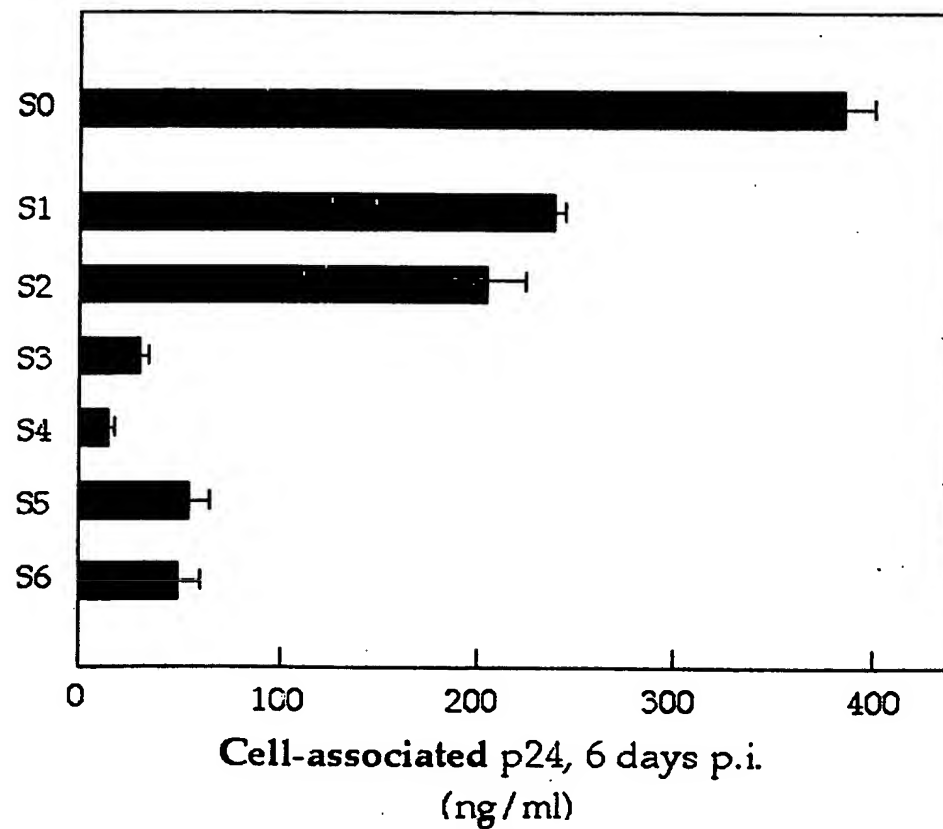
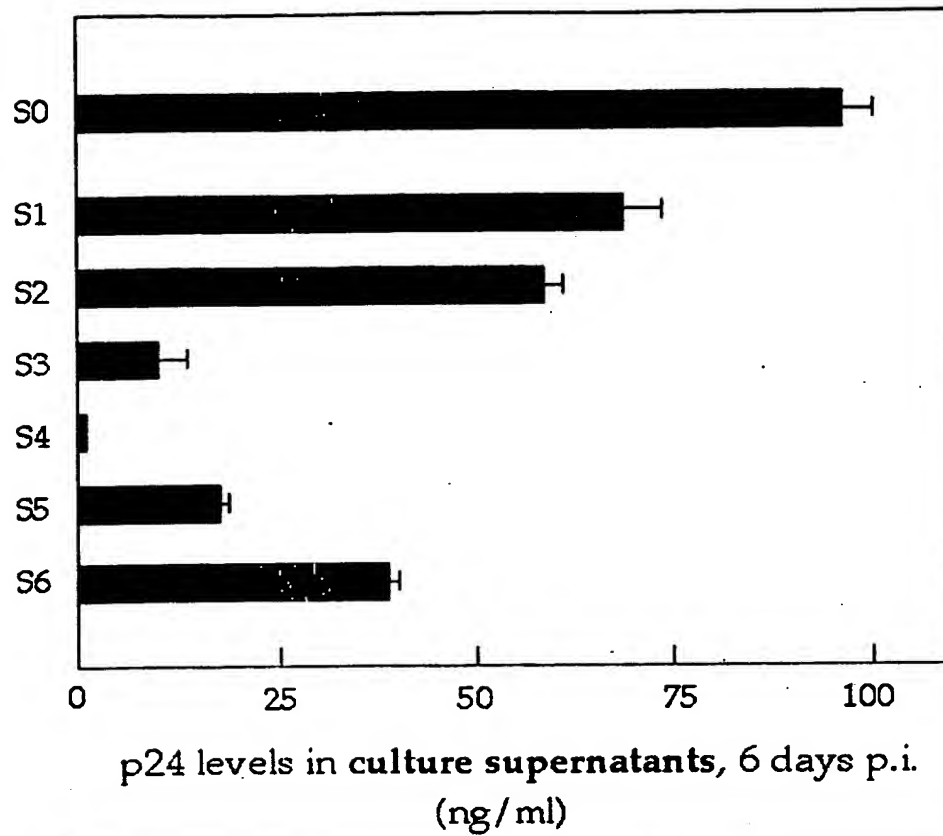
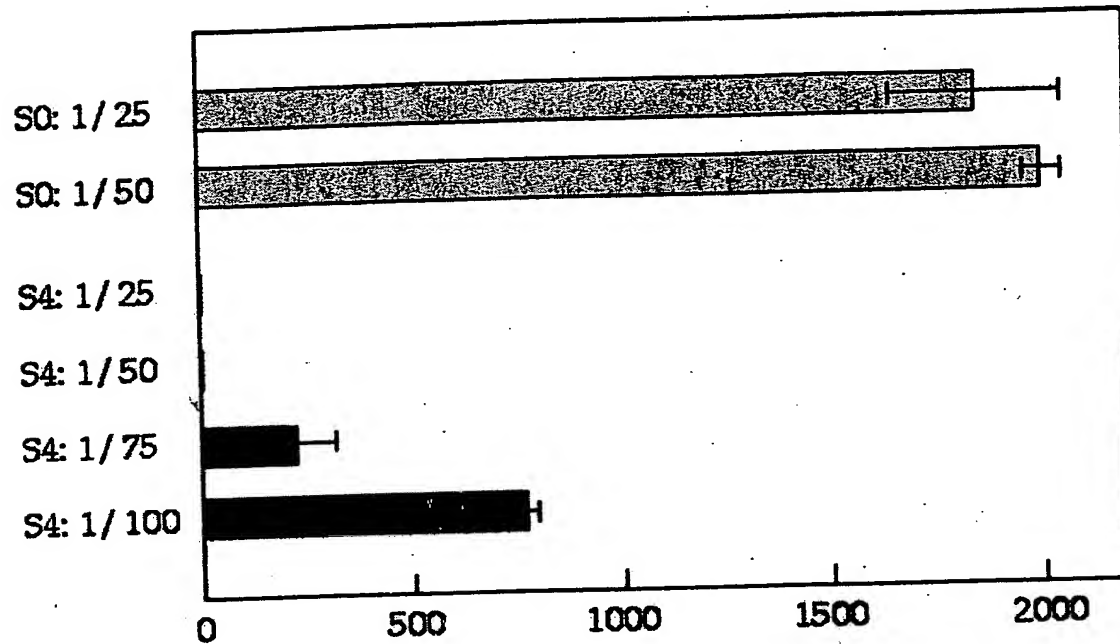
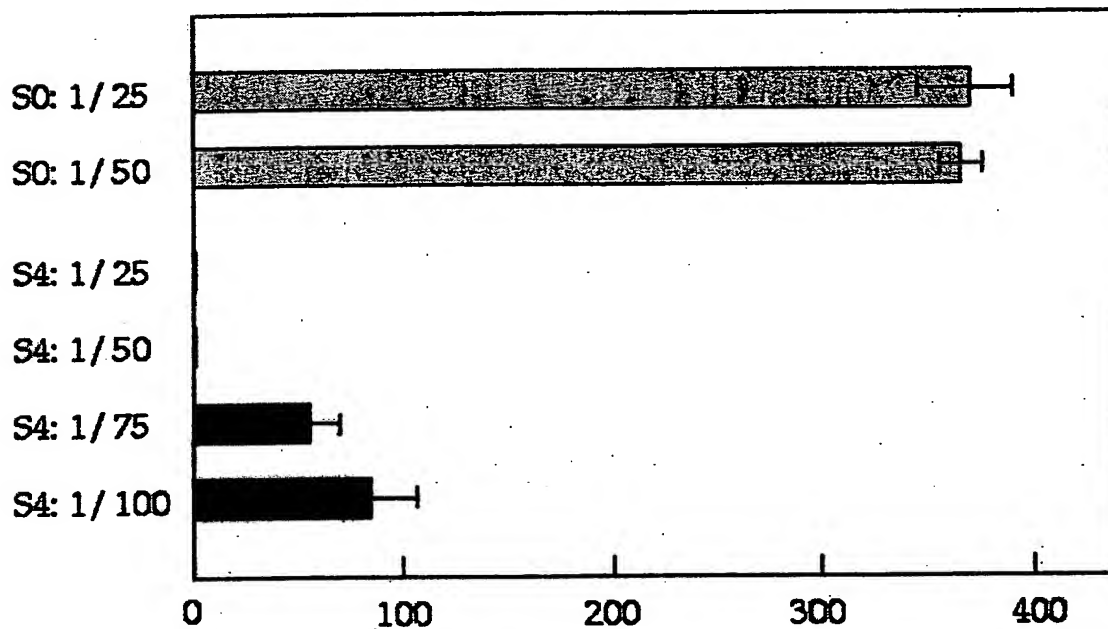


FIGURE 12

Effect of anti-CBD1 on HIV infection
Serum added with HIV and at 90' & 3 days p.i.



p24 levels in culture supernatants, 6 days p.i.
(ng/1 ml; supernatant from 10^6 cells)



Cell-associated p24, 6 days p.i.
(ng/0.1 ml extract from 10^6 cells)

FIGURE 13

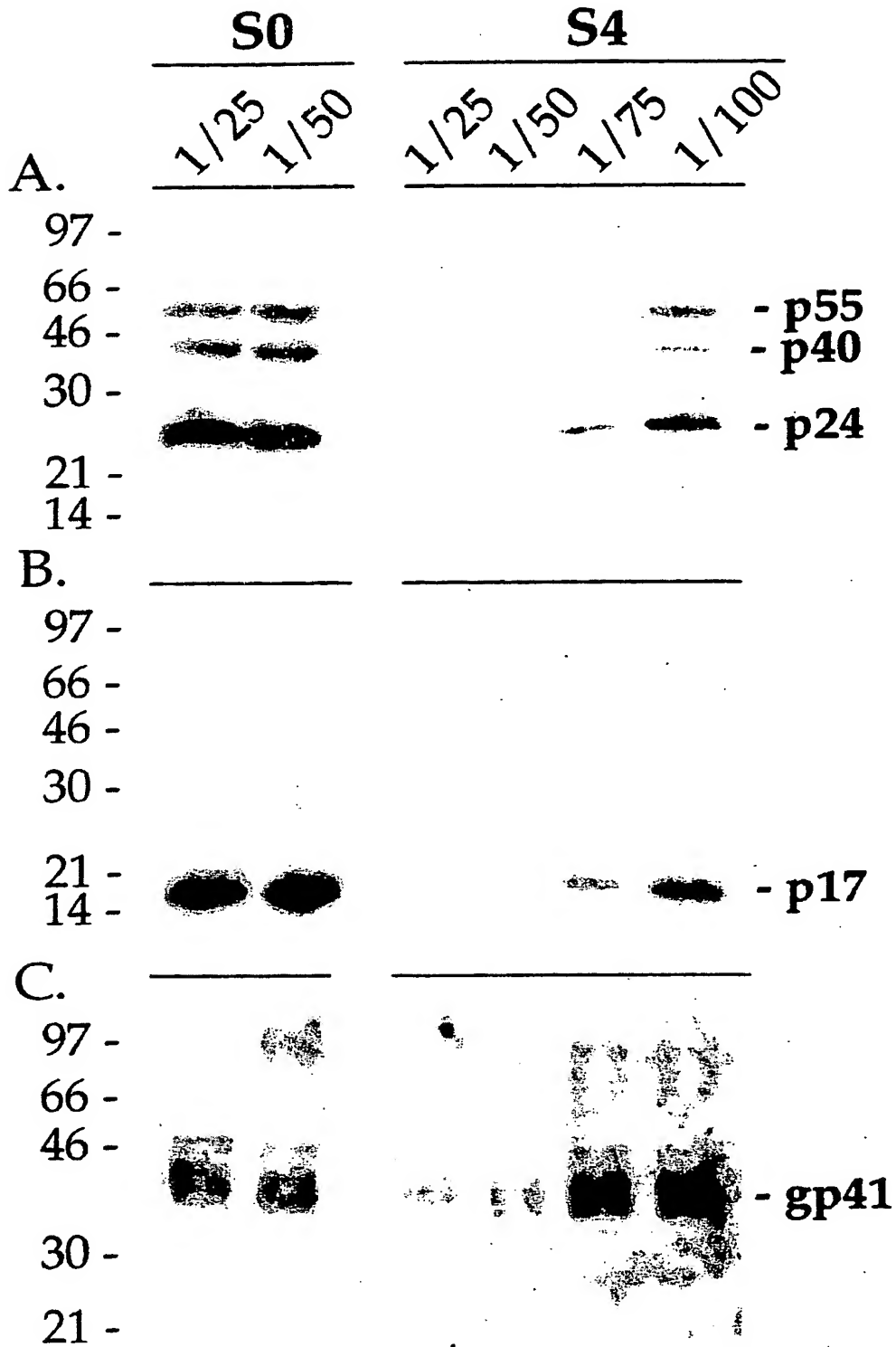


FIGURE 14

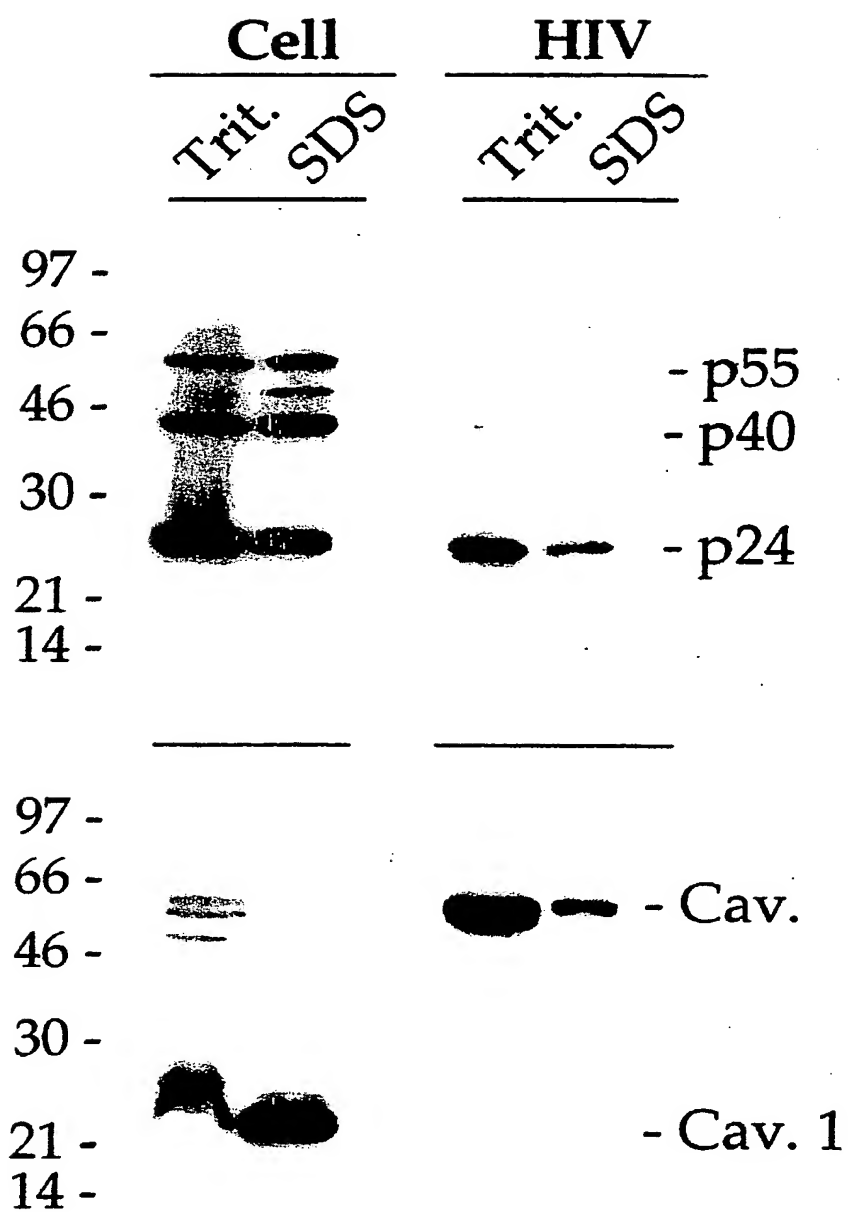


FIGURE 15

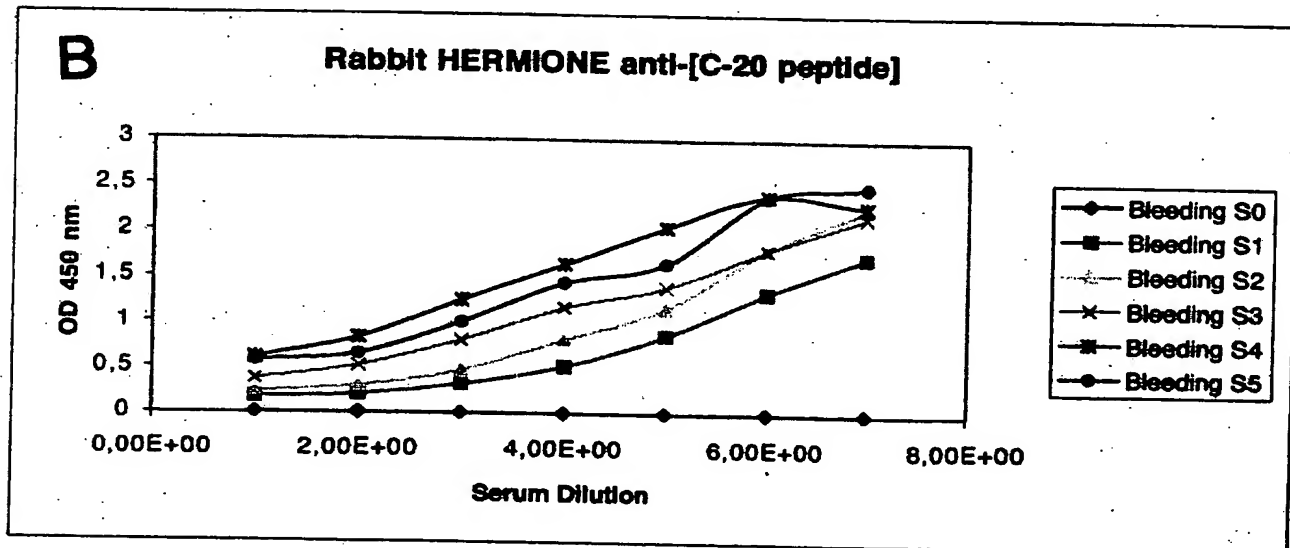
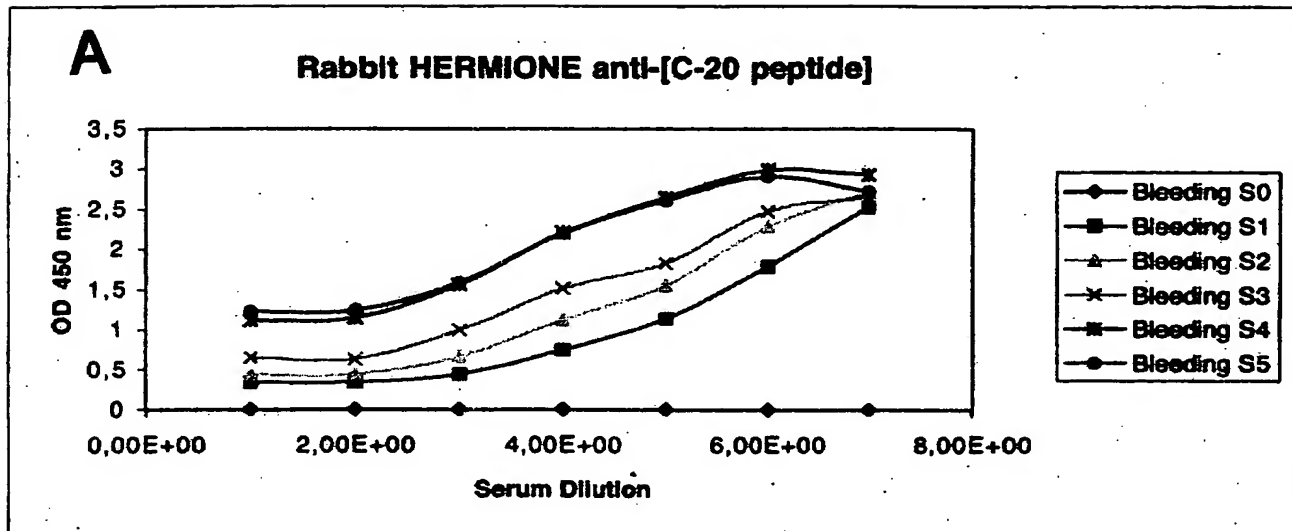


FIGURE 16

Effect of anti-caveolin antibodies on HIV infection
Serum added at 90' & 3 days p.i.

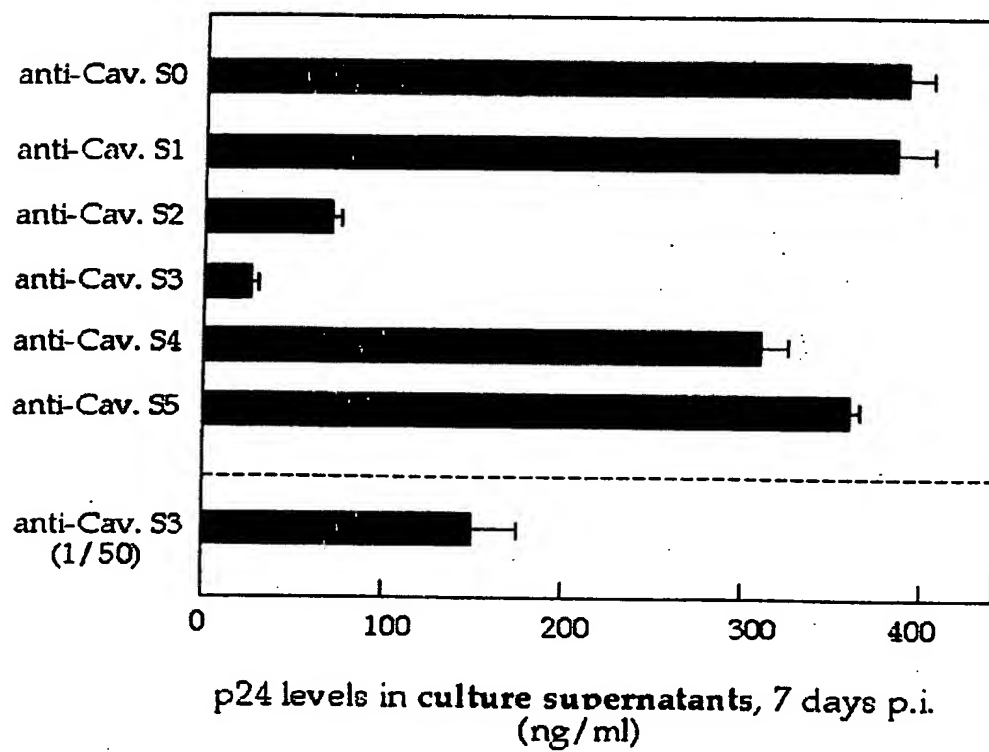
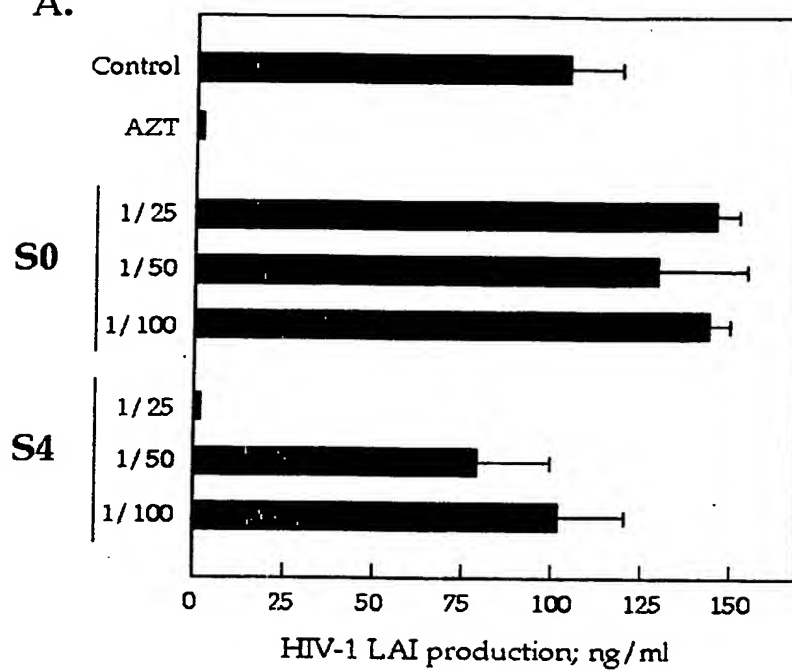


FIGURE 17

A.



B.

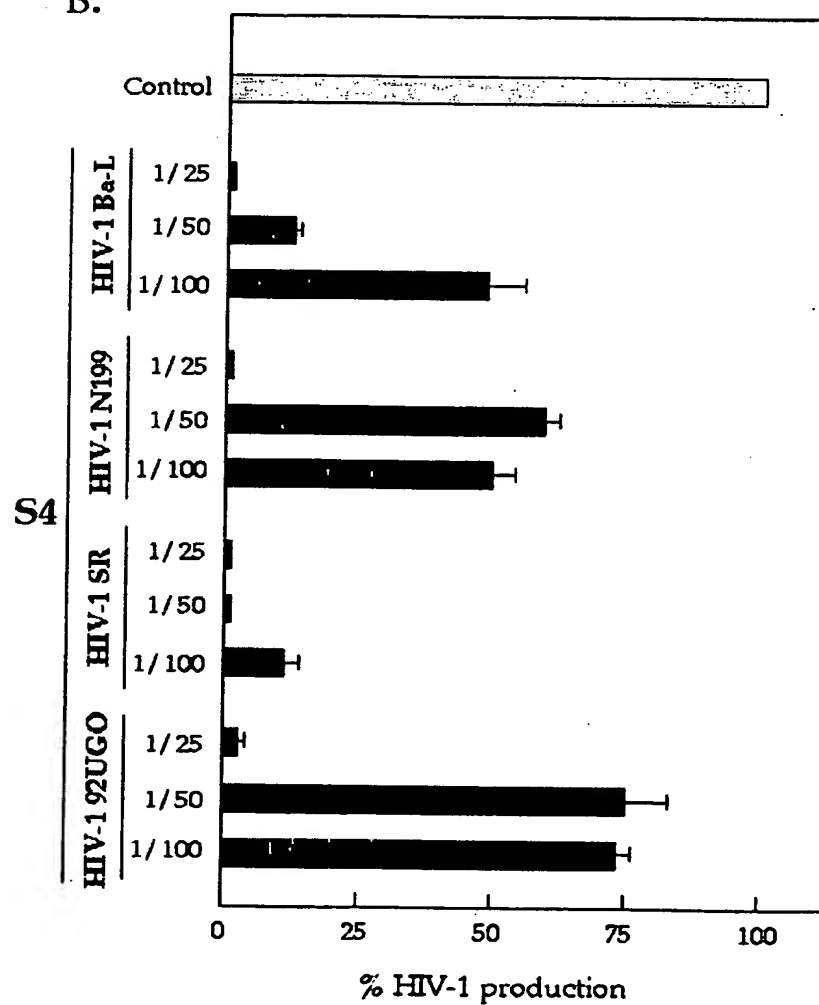


FIGURE 18

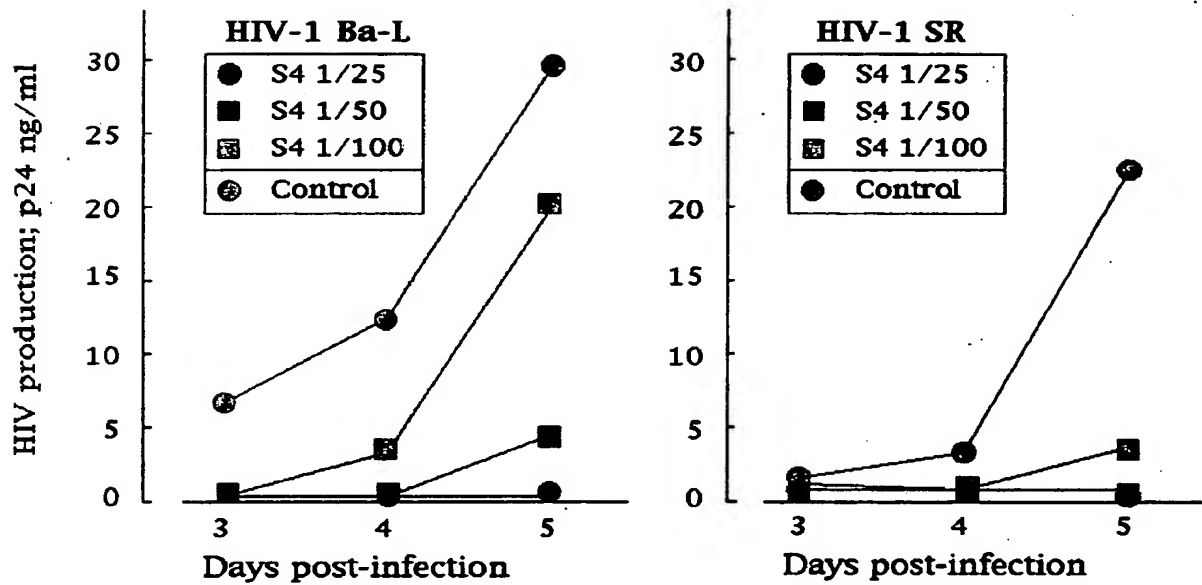


FIGURE 19